

FIG. 1

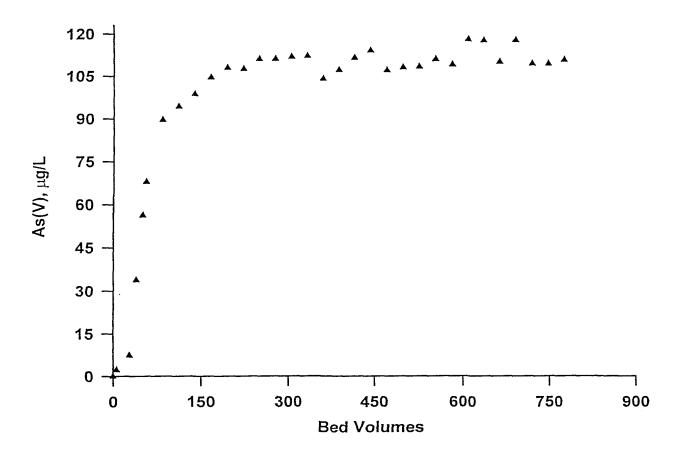
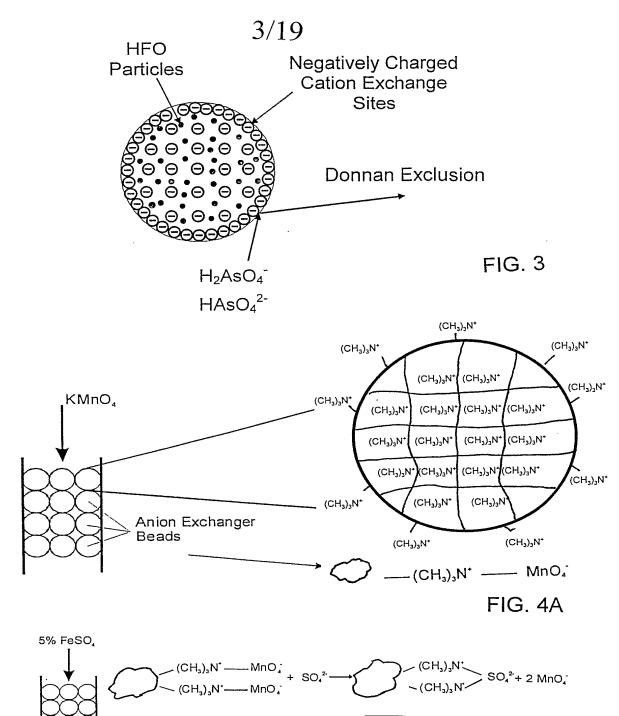


FIG. 2



$$MnO_4^- + 4H^+ + 3e^- \xrightarrow{REDUCTION} MnO_2(s) + 2H_2O$$

$$3Fe^{2+} \xrightarrow{OXIDATION} \rightarrow 3Fe^{3+} + 3e^-$$

$$3Fe^{3+} + 9OH^- \xrightarrow{PRECIPITATION} 3Fe(OH)_3(s)$$
FIG. 4B

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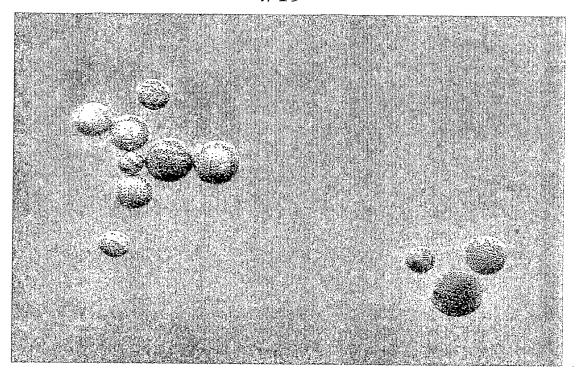


FIG. 5A

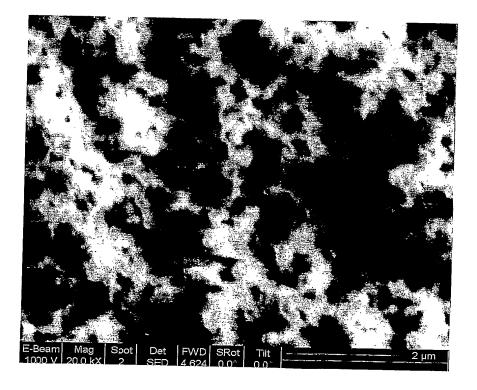


FIG. 5B



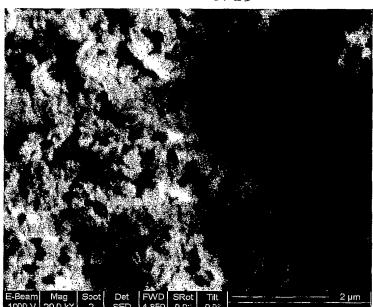


FIG. 5C

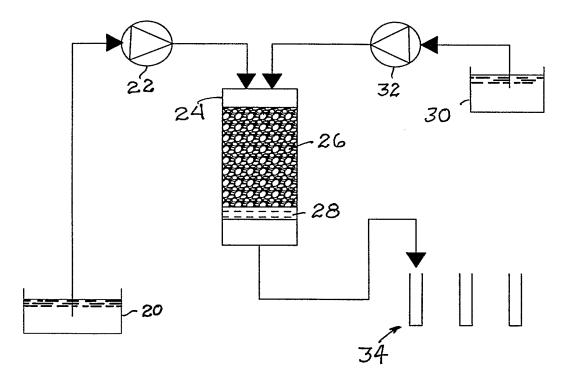
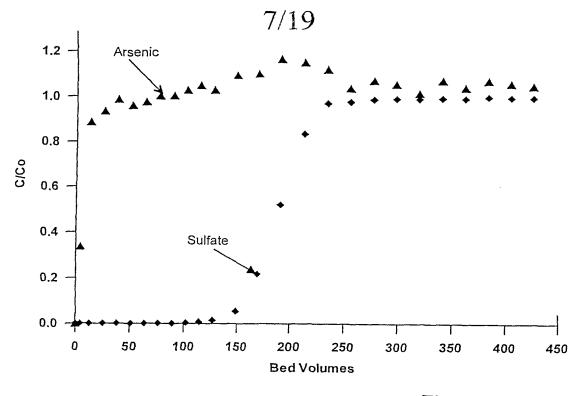


FIG. 6



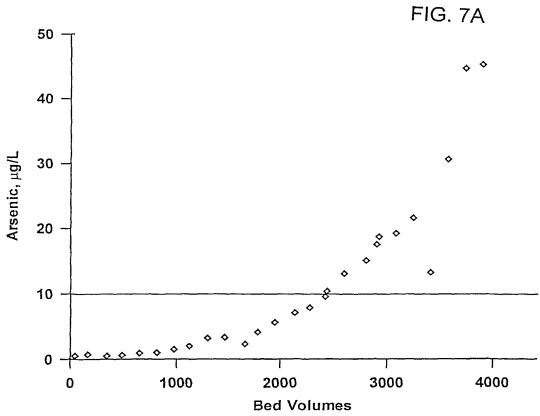


FIG. 7B

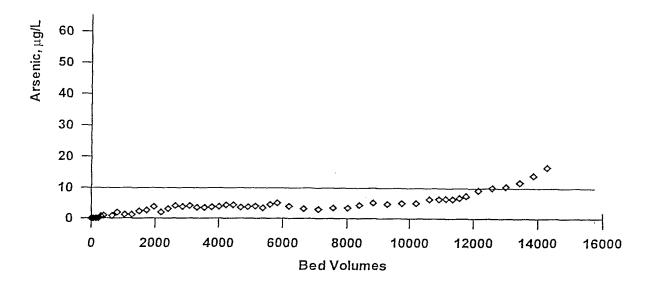


FIG. 7C

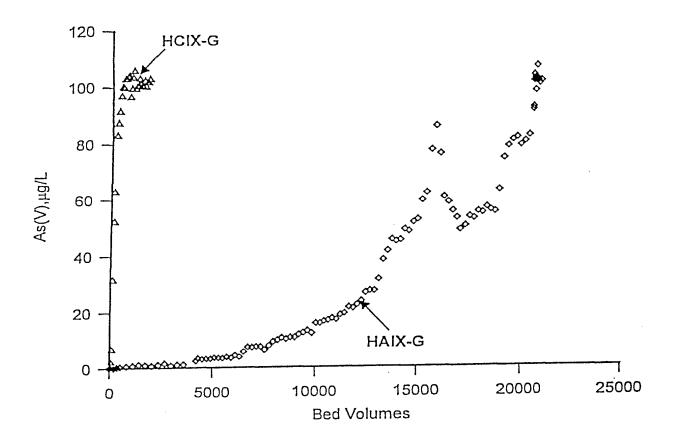


FIG. 8

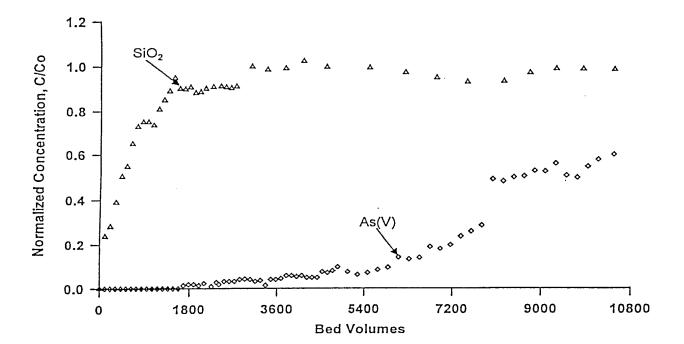


FIG. 9

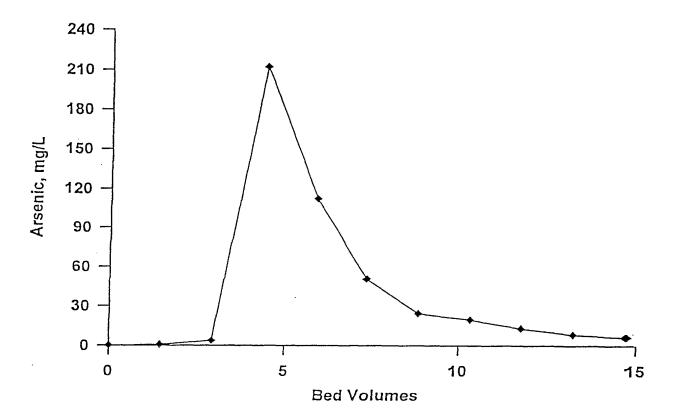


FIG. 10

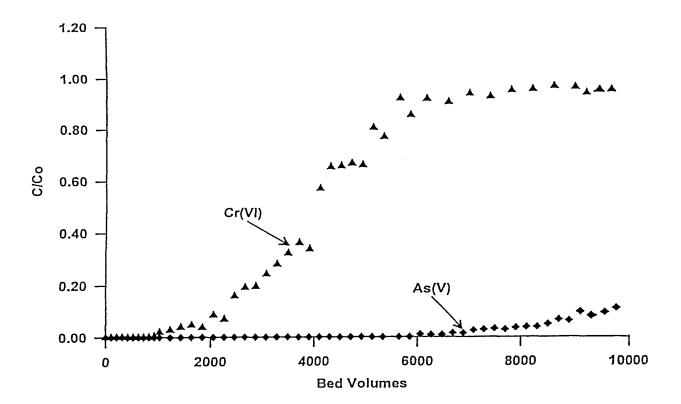


FIG. 11

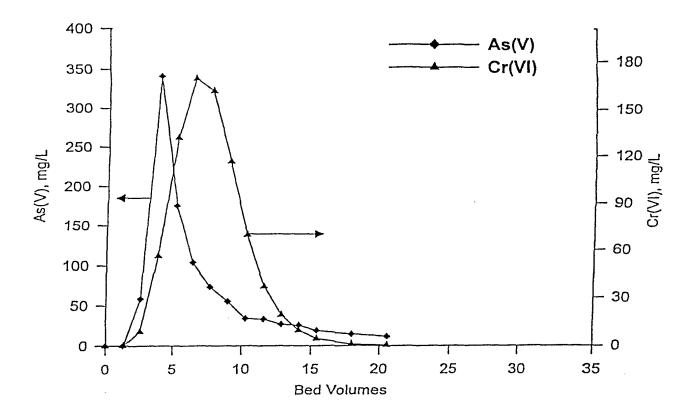


FIG. 12

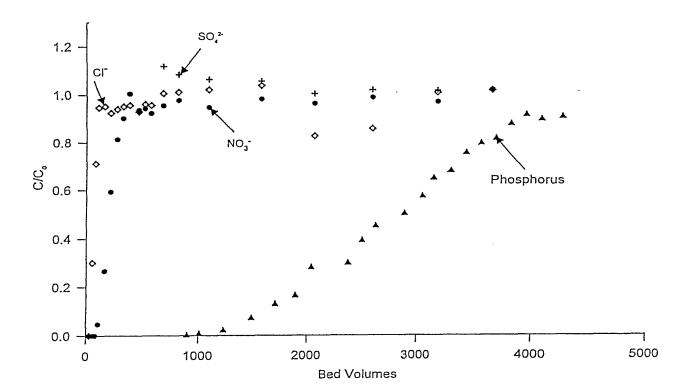


FIG. 13

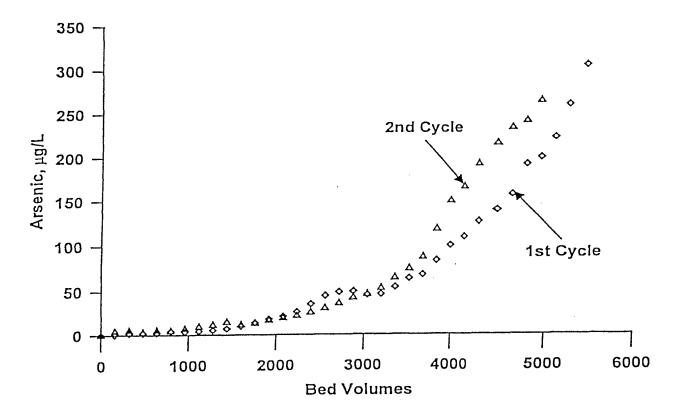


FIG. 14

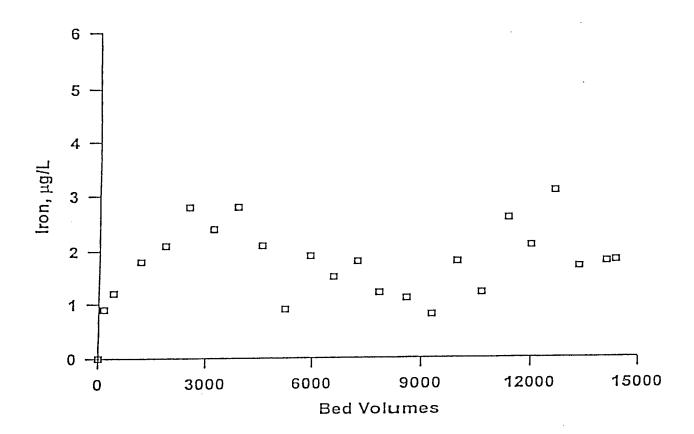


FIG. 15

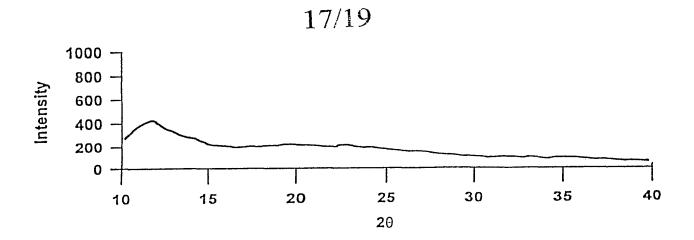


FIG. 16A

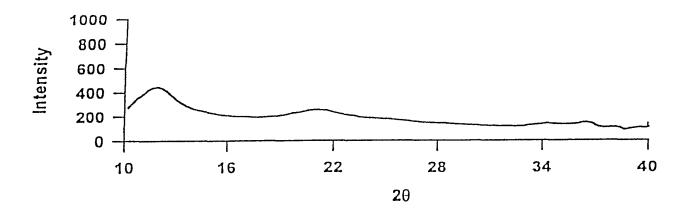


FIG. 16B

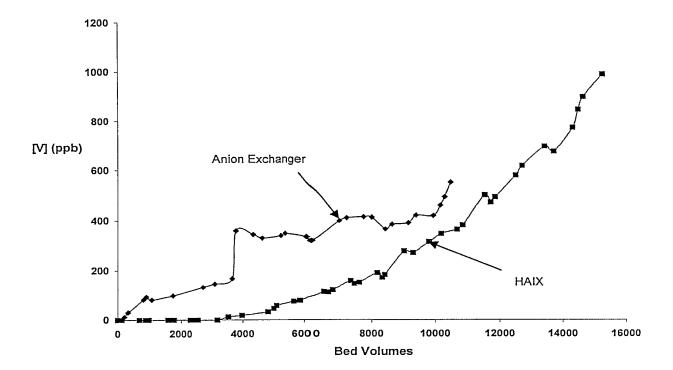


FIG. 17

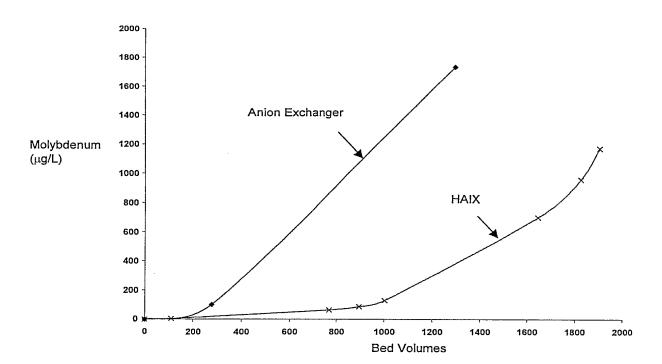


FIG. 18